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821 "Can one imagine being given such orders? All that was left for them to do was to ask for the moon and the stars."

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326 Niany is typical of many Sudanese blacksmiths, at least of those who actually practice their trade, and it is no wonder that the natives keep people of that caste at a safe distance and show them consideration, fear and a degree of scorn. For the Blacks, people as well as things connected with magic are inclined to take many forms.

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224 Hunters also are magicians. One need only see a hunter start off to recognize that this is true. His person and his equipment are covered with amulets that constitute a covering as well as an arsenal of magic weapons.

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778 The Blacks have a different idea of animals from ours; they too are powers with which one has to reckon. In proof of this, there is no animal, however tiny, which cannot be, at some time or other, very dangerous and therefore worthy of respect. So animals are addressed as "master" or "lord." The animals always to be feared are never called anything else:
[552] wara-ba means lion; sa-ma, elephant; ma-li, hippopotamus; bam-ma, [148] crocodile. Etymologically, all these names indicate "master" or "lord."

These terms are not meaningless; they attest a belief that supernatural power is incorporated in animal species. The attentions paid to animals have no other purpose than that of
825 conciliating the good-will of this power or, at least, of avoiding
789 its wrath. The common practice of using animal debris (skin,
● [237] horns, tail, hair, offal, etc.) to make magic charms is an application of the principle of continuity of matter, of the individual and of the virtues peculiar to them. A rabbit's foot is tied to a
[843] pregnant woman's side in order to hasten the child's arrival; a small bag of lion skin will make the child brave and strong.

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825 It seems likely that the domestication of animals is a happy result of magic practices. These tamed creatures are held to be "weak ones" and are treated as such. However, some of their names show a trace of the esteem in which they were once held and which is still shown on occasion: fa-li meaning "donkey" derives from fa meaning "powerful," just as nya-ri meaning "cat" derives from nya and has the same meaning, along with ba meaning "goat."

534 beating surface. The most highly regarded was the denu-ba;
614 made of a hollowed cylindrical trunk with fairly thick walls,
701 the denu-ba is sometimes more than a meter high, with its lower third often slightly tapered with an adze. The drumhead is made of strong hide, reinforced in the center by a patch of leather sewed to it and stretched on pegs driven into the sides of the drum a few centimeters below the upper edge. When it is to be played, the drum is inclined on a fork that supports it. The drummer uses a kind of wooden hook, cleverly curved for elasticity and provided at one end [315] with a rounded part, often formed by a swelling contrived for the purpose or at other times made of a leather ball. The drummer's free hand provides the syncopation.

In certain cases, two denu-ba are used together; the drummer strikes them in such a way as to obtain a variety of sounds to form the basis for conventional harmony. Thus, the soldiers not only were trained to obey appropriate flourishes, but also were kept in touch with distant battalions by means of the drums. When it was skillfully played, the denu-ba made it possi- [202] ble to transmit information for considerable distances, because other drummers would retransmit it in turn. That is why it has [718] been said that the denu-ba can talk and no doubt why it was so highly regarded by the ton'-dyon' that they considered it an oracle and honored the god who spoke through the drum by making the denu-ba the boli of this god. Hence, human victims came to [782] be sacrificed to the drums of the ton'-dyon', especially under Ngolo, according to the chronicle.

Trumpets (buru) were formerly made of ivory. The ● [237] Tedzkiret speaks of the ivory trumpets used by a certain Bambara named Maro, and Mage relates that Ahmadou, Sultan of Ségou, gave the Bambara their ivory trumpets on the occasion of the Moslem festival.

These ivory trumpets, however, have disappeared, no [237] doubt carried off by traders. Trumpets made of horn, which were used concurrently with the ivory instruments, have been substituted for them. The horns of the large antelope are much in demand for this purpose. An opening is made a few centimeters from the pointed end, and the trumpeter makes the sound through this opening. The only result is a loud but monotonous noise.

342 shovel. A coping of bricks is then laid out around the roof, leaving room for the gutters which spill into the streets. These houses may be topped with a second roof, a thatched cone. The four chief timbers are set at the four angles of the house. There is a door in the first ceiling, and precious goods or objects are kept in this part of the house. As in the round huts, the door always opens to the south.

[237] The outside of the houses are plastered with earth mixed with cow dung; on the inside, the floor and lower part of the walls are daubed with black earth mixed with fresh cow manure and bark from [824] the jumbo tree (Napoleona Heudelotii); the upper walls and the ceiling are covered with white river clay. Where the two colors meet, [531] lines of festoons traced with the finger symbolize the descent of the third Word. On the white walls are painted ladders, calabash spoons, animsla, signs conveying [102] the worldly situation of the owner as well as the soul of the artist.

[356] The periphery of the entrance door is daubed with fresh cow [746] dung every 15 days, and more liberally with rotted cow dung once a year before the rains. This custom is linked to ancestor worship.

Canari [earthenware vessels] containing certain plants are 353 buried under the bed of the head of the family; other plants and 352 juice from roots are hidden under the women's beds. The boli are hooked to the roofing of the houses for they must touch neither earth, water, nor fire. Nets, diakumadjulu, are hung from the ceiling; they hold clothes or calabashes for the food; mats or animal skins are spread on the ground; beds, different-sized calabashes, and stools complete the furnishings. The different huts belonging to one family 351 are surrounded by a wall that opens into the vestibule of a hut with 342 two doors, oriented north-south. This is where the head of the family receives strangers. In the inside court are found hearths made [354] of three stones, mortars for millet, and chicken coops, a sort of small square hut made of clay mixed with straw. The granaries, 343 constructed on piles, have the form of round huts. They are divided 251 into four parts, where the four principal grains are kept: millet, rice, fonio, ground nuts. Some grains may be kept together in the same compartment, for example, millet and ground nuts. Certain granaries, bonio, are veritable cigar-shaped pots made by the blacksmiths' wives. When the bonio is finished, it is cut into sections

326 as well as of silver, on a wooden core. The thrones of the ancient [531] Bambara chiefs were covered in this manner. Today the golden ornaments are no longer reserved exclusively for the wives of kings. [301] Bracelets, pendants, and necklaces are produced in large quantities in a filigree work in which the Black excels.

B. Ceramics

323 The land is very rich in pottery, but Bambara men do not model clay, pottery being a woman's art. Inversely, the women do not work on statuary.

C. Painting

531 386 The Bambara paint murals on the sanctuary walls with ocher and a millet paste. The priests make these drawings periodically. The walls of the young people's huts are also decorated with symbolic motifs: calabash spoons, festoons, ladders with 22 bars, drawings of hands, lines of chevrons. The young girls come to paint these, [337] with clay from the river or with a mixture of clay and cow dung. All these geometric drawings are signs representing not only the cosmogony, but a subtle translation of all the movements of the executing artist's soul. They are a veritable form of writing.

D. Music

533 771 Music is a privileged art (1) because it is bound to instru-

1. Griaule, Passim, "Symbole des arts africains" [Symbol of the African Arts], Présence africaine.

ments, that is to say, to materials, to the human body by the voice and the dance, to numbers by the rhythm, to medicine, to divination, and to religion.

534 771 [106] In a report to the French Institute of Anthropology on February 18, 1948, Mme. G. Dieterlen described the structure and symbolism of the two Bambara musical instruments, the Sema guitar and the royal drum.